

# Truth in Testimony Disclosure Form

In accordance with Rule XI, clause 2(g)(5)\* of the *Rules of the House of Representatives*, witnesses are asked to disclose the following information. Please complete this form electronically by filling in the provided blanks.

Committee: Transportation and Infrastructure

Subcommittee: \_\_\_\_\_

Hearing Date: 03/17/2021

Hearing Title :

The Business Case for Climate Solutions

Witness Name: Rafael Santana

Position/Title: President and CEO

Witness Type:  Governmental  Non-governmental

Are you representing yourself or an organization?  Self  Organization

If you are representing an organization, please list what entity or entities you are representing:

Westinghouse Air Brake Technologies Corporation d/b/a Wabtec Corporation

## **FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY**

Please complete the following fields. If necessary, attach additional sheet(s) to provide more information.

Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any organization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.

Yes, Wabtec Corporation and its wholly and majority owned subsidiaries. See attached List of subsidiaries of the Company, Exhibit 21.0, Wabtec 2019 Annual Report - 10-K, also available at <https://ir.wabteccorp.com/sec-filings/sec-filing/10-k/0001628280-20-002098>.

**Please list any federal grants or contracts (including subgrants or subcontracts) related to the hearing’s subject matter that you, the organization(s) you represent, or entities for which you serve as a fiduciary have received in the past thirty-six months from the date of the hearing. Include the source and amount of each grant or contract.**

As a global rail technology leader, Wabtec has been awarded federal grants from the Departments of Energy and Transportation. For example, on October 1, 2020, Wabtec entered into a Cooperative Agreement with the Department of Energy for a \$1.5MM research grant related to ducted fuel injection and cool spray technologies for particulate control in heavy-duty diesel engines. Further, in 2020, we were awarded a \$10MM contract from DOT’s MARAD for marine engines. We also do business with Amtrak for locomotive and freight car parts and components, as well as track infrastructure and digital technologies. In the past, we have been awarded a contract for the maintenance and service of Amtrak’s locomotives. To my knowledge, those federal grants and contracts are not related to the hearing’s subject matter.

**Please list any contracts, grants, or payments originating with a foreign government and related to the hearing’s subject that you, the organization(s) you represent, or entities for which you serve as a fiduciary have received in the past thirty-six months from the date of the hearing. Include the amount and country of origin of each contract or payment.**

As a global rail technology leader, Wabtec does business with foreign governments whose railroads are often run by state-owned enterprises. Additionally, we have obtained grant or other financial contributions from foreign governments – specifically, in the European Union – related to research and development of our products and technologies for the Transit sector. To my knowledge, those foreign contracts, grants, or payments are not related to the hearing’s subject matter.

**Please complete the following fields. If necessary, attach additional sheet(s) to provide more information.**

- I have attached a written statement of proposed testimony.
- I have attached my curriculum vitae or biography.

\*Rule XI, clause 2(g)(5), of the U.S. House of Representatives provides:

(5)(A) Each committee shall, to the greatest extent practicable, require witnesses who appear before it to submit in advance written statements of proposed testimony and to limit their initial presentations to the committee to brief summaries thereof.

(B) In the case of a witness appearing in a non-governmental capacity, a written statement of proposed testimony shall include— (i) a curriculum vitae; (ii) a disclosure of any Federal grants or contracts, or contracts, grants, or payments originating with a foreign government, received during the past 36 months by the witness or by an entity represented by the witness and related to the subject matter of the hearing; and (iii) a disclosure of whether the witness is a fiduciary (including, but not limited to, a director, officer, advisor, or resident agent) of any organization or entity that has an interest in the subject matter of the hearing.

(C) The disclosure referred to in subdivision (B)(iii) shall include— (i) the amount and source of each Federal grant (or subgrant thereof) or contract (or subcontract thereof) related to the subject matter of the hearing; and (ii) the amount and country of origin of any payment or contract related to the subject matter of the hearing originating with a foreign government.

(D) Such statements, with appropriate redactions to protect the privacy or security of the witness, shall be made publicly available in electronic form 24 hours before the witness appears to the extent practicable, but not later than one day after the witness appears.

## SUBSIDIARIES AND AFFILIATES

Company	Ownership Interest
A and M Signalling Services Private Limited	India 100 %
Aero Transportation Products, Inc	Independence, Missouri 100 %
AM General Contractors SpA	Genova, Italy 100 %
A M Rail Group Limited	Burton-on-Trent, UK 100 %
A M Signalling Design Limited	Burton-on-Trent, UK 100 %
Annax GmbH	Brunnthal, Germany 100 %
Annax Scheiz AG	Bern, Switzerland 100 %
Annax (Suzhou) Rail Systems Co., Ltd	Suzhou, China 100 %
Ateliers Hubert Gerken S.A.	Belgium 100 %
Austbreck Pty, Ltd.	Hallam, Victoria, Australia 100 %
Barber Steel Foundry Corp.	Rothbury, Michigan 100 %
Barber Tian Rui Railway Supply LLC	Park Ridge, Illinois 50 %
Bearward Engineering Limited	Northampton, UK 100 %
Becorit GmbH	Recklinghausen, Germany 100 %
Beijing Wabtec Huaxia Technology Company Ltd.	Beijing, China 100 %
Brecknell Willis & Co., Ltd.	Char, Somerset, UK 100 %
Brecknell Willis (Tianjin) Electrification Systems, Co., Ltd.	TianJin, China 100 %
Cambridge Forming and Cutting Ltd.	Ontario, Canada 100 %
Changzhou CRRC GE Diesel Engine Company Limited.	Changzhou, China 50 %
CoFren S.A.S.	Vierzon, France 100 %
CoFren S.r.l.	Avellino, Italy 100 %
Coleman Hydraulics Limited	Burton-on-Trent, UK 100 %
CZ-Carbon Prodcuts s.r.o.	Czech Republic 100 %
Datong Faiveley Railway Vehicle Equipment Co. Ltd.	Datong City, China 50 %
Durox Company	Strongville, Ohio 100 %
East Erie Commercial Railroad	Erie, Pennsylvania 100 %
E-Carbon Asia Sdn. Bhd.	China 50 %
E-Carbon China Co., Ltd.	China 70 %
E-Carbon Far East Limited	Hong Kong 100 %
E-Carbon Far East Ltd. Shanghai	Shanghai, China 60 %
E-Carbon H.K. Limited	Hong Kong 70 %
E-Carbon S.A.	Belgium 100 %
Electrical Carbon UK Limited	United Kingdom 100 %
Evand Pty Ltd.	Wetherill Park, Australia 100 %
Faiveley Rail Engineering Singapore Pte Ltd	Singapore 50 %
Faiveley Transport Amiens	Amiens, France 100 %
Faiveley Transport Asia Pacific Ltd.	Hong Kong 100 %
Faiveley Transport Australia Ltd.	Rosehill, Australia 100 %
Faiveley Transport Birkenhead Ltd.	Birkenhead, UK 100 %
Faiveley Transport Canada Inc.	Montreal, Canada 100 %
Faiveley Transport Czech a.s.	Blovice, Czech Republic 100 %
Faiveley Transport Chile Ltda.	Santiago, Chile 100 %
Faiveley Transport DO Brasil Ltda.	Sao Paulo, Brazil 100 %
Faiveley Transport Far East Ltd	Hong Kong 100 %

Faiveley Transport Holding Gmbh & co KG	Whitten, Germany	100 %
Faiveley Transport Iberica SA	La Selva del Camp, Spain	100 %
Faiveley Transport Italia Spa	Turin, Italy	98.7 %
Faiveley Transport Korea Ltd	Seoul, Korea	100 %
Faiveley Transport Leipzig GmbH & Co-KG	Scheiditz, Germany	100 %
Faiveley Transport Malmo AB	Landskrona, Sweden	100 %
Faiveley Transport Metro Technology Shanghai Co Ltd.	Shanghai, China	100 %
Faiveley Transport Metro Technology Taiwan Ltd.	Taipei, Taiwan	100 %
Faiveley Transport Metro Technology Thailand Co Ltd.	Bangkok, Thailand	100 %
Faiveley Transport Nordic AB	Landskrona, Sweden	100 %
Faiveley Transport North America Inc	Greenville, South Carolina	100 %
Faiveley Transport Nowe GmbH	Elze, Germany	100 %
Faiveley Transport NSF	Neuville en Ferrain, France	100 %
Faiveley Transport Plezn s.r.o.	Nyrany, Czech Republic	100 %
Faiveley Transport Polska zoo	Poznan, Poland	100 %
Faiveley Transport Rail Technologies India Ltd.	Himachal Pradesh, India	100 %
Faiveley Transport Railway Trading Co. Ltd	Shanghai, China	100 %
Faiveley Transport S.A.	Gennevilliers, France	100 %
Faiveley Transport Schwab AG	Schaffhausen, Switzerland	100 %
Faiveley Transport Schweiz AG	Hagendorf, Switzerland	100 %
Faiveley Transport Service Maroc	Casablanca, Morocco	100 %
Faiveley Transport South Africa Pty (Ltd)	Monument Park, South Africa	100 %
Faiveley Transport Systems Technology (Beijing) Co. Ltd.	Beijing, China	100 %
Faiveley Transport Tamworth Ltd.	Tamworth, Staffordshire, UK	100 %
Faiveley Transport Tours	Saint Pierre des Corps, France	100 %
Faiveley Transport Tremosnice s.r.o.	Treomsnice, Czech Republic	100 %
Faiveley Transport USA Inc	Greenville, South Carolina	100 %
Faiveley Transport Verwaltungs GmbH	Scheiditz, Germany	100 %
Faiveley Transport Witten GmbH	Witten, Germany	100 %
F.I.P. Pty Ltd.	Sydney, Australia	100 %
FIP Brakes South Africa (Proprietary) Limited	Kempton Park, South Africa	70 %
Fandstan Electric Group, Ltd.	London, UK	100 %
Fandstan Electric Systems Pty, Ltd.	Gujarat, India	100 %
Fandstan Electric, Ltd.	London, UK	100 %
F.T.M.T. Singapore Pte Ltd	Singapore	100 %
FW Acquisition LLC	Wilmington, Delaware	100 %
G&B Specialties, Inc.	Berwick, Pennsylvania	100 %
Gerken Group S.A.	Belgium	100 %
Gerken Nordiska Karma Aktiebolag	Sweden	49 %
Gerken SAS	France	100 %
GE Diesel Locomotive Private Limited	New Delhi, India	75 %

GE Economic and Trading (Shanghai) Co., Ltd.	Shanghai, China	100 %
General Electric Transportation Egypt Services LLC.	Egypt	100 %
GE Global Sourcing India Pvt Ltd.	New Delhi, India	100 %
GE Mozambique Limitada	Nacala, Mozambique	100 %
GE (Shijiazhuang) Mining Equipment Co., Ltd.	Shijiazhuang, China	100 %
GE South Africa Technologies (Proprietary) Limited	Johannesburg, South Africa	100 %
GE Transportation, A Wabtec Company	Wilmington, Delaware	100 %
GE Transportation Engines Holding B.V.	Breda, Netherlands	100 %
GE Transportation Parts, LLC.	Wilmington, Delaware	100 %
GE Transportation System (Shenyang) Co. Ltd.	Shenyang, China	100 %
GE Transportation Systems (China) Co. Ltd.	Beijing, China	100 %
GE Transportation Systems Deutschland GmbH	Frankfurt am Main, Germany	100 %
GE Transportation Systems Ltd.	Altrincham, England	100 %
GE-UGM, LLC.	Wilmington, Delaware	100 %
GIMCO, SA de CV	Torreon, Mexico	100 %
Global Acquisition, S.a r.l.	Luxembourg	100 %
Graham White Manufacturing Company	Salem, Virginia	100 %
Huatie Wabtec Faiveley (Qingdao) Transport Equipment Co., Ltd.	Beijing, China	49 %
Hubei Dengfeng Unifin Electrical Equipment Cooling System Co., Ltd.	Daye City, Hubei, China	69 %
Hunan CSR Wabtec Railway Transportation Technology Co. Ltd.	Changsha, Hunan, China	50 %
Industrea Chile S.A.	Chile	100 %
Industrea Hong Kong YL Limited.	Hong Kong, China	100 %
Industrea Mining Equipment Pty Ltd.	Springfield Central, Australia	100 %
Industrea Mining Technology Pty Ltd.	Fountaindale, Australia	100 %
Industrea Pty Ltd	North Sydney, Australia	100 %
Industrea Wadam (Beijing) Mining Equipment Technical Services Co., Ltd	Beijing, China	100 %
Industrea Wadam Pty Ltd.	Burnley, Australia	100 %
InTrans Engineering Limited	Kolkata, West Bengal, India	100 %
Jiaxiang HK Smart Technology Co. Ltd.	Hong Kong, China	100 %
JSC Lokomotiv Kurastyru Zauyty	Kazakhstan	50 %
Keelex 351 Limited	Barton Under Needwood, England	100 %
Komatsu Wabtec Mining Systems, LLC.	Wilmington, Delaware	50 %
LH Access Technology Limited	Barton Under Needwood, England	100 %
LH Group Services Limited	Barton Under Needwood, England	100 %
LH Group Wheelsets Limited	Barton Under Needwood, England	100 %
Limited Liability Company Transportation Ukraine	Ukraine	100 %
Locomotive Manufacturing and Services, S.A. de C.V.	Mexico City, Mexico	100 %
Longwood Elastomers, Inc.	Wytheville, Virginia	100 %
Longwood Elastomers, S.A.	Soria, Spain	100 %

Longwood Engineered Products, Inc.	Greensboro, North Carolina	100 %
Longwood Industries, Inc.	Brenham, Texas	100 %
Longwood International, Inc.	Greensboro, North Carolina	100 %
LS&O Locomotoras MX, S. de R.L. de C.V.	Mexico	100 %
LWI Elastomers International, S.L.	Madrid, Spain	100 %
LWI International B.V.	Amsterdam, Netherlands	100 %
Manufacturas Del Noreste S.A. de C.V.	Portillo Saltillo, Mexico	100 %
Medagao (Suzhou) Rubber-Metal Components Co., Ltd.	Suzhou, Jiangsu, China	100 %
Melett (Changzhou) Precision Machinery Co. Limited	Jiangsu, China	100 %
Melett Limited	South Yorkshire, England	100 %
Melett North America, Inc.	Memphis, Tennessee	100 %
Melett Polska Spolka z Ograniczona odpowiedzialnoscia	Bydgos, Poland	100 %
Merz Industrietechnik GmbH	Österreich, Austria	100 %
Metalocaucho, S.L.	Urnieta, Gipuzkoa, Spain	100 %
Mors Smitt France S.A.S.	Sable sur Sarthe, France	100 %
Mors Smitt Holding S.A.S.	Utrecht, Netherlands	100 %
Mors Smitt Technologies, Inc.	Buffalo Grove, Illinois	100 %
Mors Smitt UK Ltd.	West Midlands UK	100 %
MorsSmitt Asia, Ltd.	Kwun Tong, Hong Kong	100 %
Motive Equipment Brasil Ltda	Belo Horizonte, Brazil	100 %
Motive Equipment, Inc.	Milwaukee, Wisconsin	100 %
MotivePower, Inc.	Boise, Idaho	100 %
MTC India Rubber Metal Components Private Limited	Bangalore, India	100 %
Napier Turbochargers Australia Pty Ltd.	Sydney, Australia	100 %
Napier Turbochargers Limited	Lincoln, Lincolnshire, UK	100 %
o.o.o. Faiveley Transport	Leningrad Region, Russia	100 %
Orion Engineering Ltd.	Hong Kong, China	100 %
Pantrac GmbH	Germany	100 %
Parts Supply Limited	Leicestershire, England	100 %
Poli S.r.l.	Camisano, Italy	100 %
Pride Bodies Ltd.	Ontario, Canada	100 %
PT Transportation Solutions Indonesia	Indonesia	100 %
Qingdao Faiveley Sri Rail Brake Co. Ltd.	Qingdao, Shadong, China	50 %
Railcar Management, LLC	Atlanta, Georgia	100 %
Railroad Controls Construction, Inc.	Benbrook, Texas	100 %
Railroad Controls, L.P.	Benbrook, Texas	100 %
Railroad Friction Products Corporation	Maxton, North Carolina	100 %
RCLP Acquisition LLC	Benbrook, Texas	100 %
Relay Monitoring Systems Pty Ltd.	Mulgrave, Australia	100 %

RFPC Holding Corp	Wilmington, Delaware	100 %
Ricon Corp	San Fernando, California	100 %
SAB Wabco (Investments) Ltd.	Birkenhead, UK	100 %
SAB Wabco UK Ltd.	Birkenhead, UK	100 %
Schaefer Equipment, Inc.	Warren, Ohio	100 %
SCT Europe Ltd.	Kirkcaldy, Fife, UK	100 %
SCT Technology LLC	Wilmington, Delaware	100 %
Senvac A/S	Odense, Denmark	100 %
Servicios de Administracion de Locomotoras, S. de R.L. de C.V.	Mexico	100 %
Shenyang CRRC Wabtec Railway Brake Technology Company, Ltd.	Shenyang, China	50 %
Shijiazhuang Jiaxiang Precision Machinery Co. Ltd.	Shijiazhuang, China	100 %
ShipXpress Technologies (Private) Limited	Nugegoda, Sri Lanka	100 %
Standard Car Truck Company	Park Ridge, Illinois	100 %
Standard Car Truck-Asia, Inc.	Chaoyang District, Beijing	100 %
Stemmann Technik France SAS	Buchelay, France	100 %
Stemmann-Technik GmbH	Schüttorf, Germany	100 %
Stemmann-Technik Hong Kong Company Limited	Hong Kong, China	100 %
Stemmann Polska SP Zoo	Katy Wroclawskie, Poland	100 %
Stemmann-Technik (Shanghai) Ltd.	Shanghai, China	100 %
Suecobras Consultoria Ferroviaria Ltda	Rio de Janeiro, Brazil	100 %
Thermal Transfer Acquisition Corporation	Duquesne, Pennsylvania	100 %
The Vista Corporation of Virginia	Salem, Virginia	100 %
TMT Holding AB	Stockholm, Sweden	51 %
Transportation Global Egypt L.L.C.	Egypt	100 %
Transportation Global LLC	Wilmington, Delaware	100 %
Transportation Holdings UK Limited	Altrincham, England	100 %
Transportation IP Holdings, LLC	Wilmington, Delaware	100 %
Transportation Kazakhstan Limited Liability Partnership	Kazakhstan	100 %
Transportation Poland sp. z o.o.	Poland	100 %
Transportation Rus Limited Liability Company	Moscow, Russia	100 %
Transportation Services and Technologies Nigeria Ltd.	Lagos, Nigeria	100 %
Transportation Systems and Services Cameroon Ltd.	Cameroon	100 %
Transportation Systems Pakistan (Private) Limited	Lahore, Pakistan	100 %
Transportation Systems Services Operations Inc.	Carson City, Nevada	100 %
Transportation Turkey Transportation Systems and Services Incorporated Company	Istanbul, Turkey	100 %
TransTech of South Carolina, Inc.	Piedmont, South Carolina	100 %
TRSP Systems and Services Kenya Ltd.	Kenya	100 %
TRSP Systems (Malaysia) SDN. BHD	Malaysia	100 %
Turbonetics Holdings, Inc.	Moorpark, California	100 %
Vapor Europe S.r.l.	Sassuolo, Modena, Italy	100 %
Vapor Ricon Europe Ltd.	Loughborough, Leicestershire, UK	100 %
Wabtec Assembly Services S. de R.L. de C.V.	San Luis Potosi, Mexico	100 %
Wabtec Australia Pty. Limited	Rydalmere, Australia	100 %

Wabtec (Beijing) Investment Co. Ltd.	Beijing, Fengtai District, China	100 %
Wabtec Brasil Fabricacao e Manutencao de Equipamentos Ltda	Belo Horizonte, Brazil	100 %
Wabtec Corporation	Wilmerding, Pennsylvania	100 %
Wabtec Canada, Inc.	Ontario, Canada	100 %
Wabtec China Friction Holding Limited	Hong Kong, China	100 %
Wabtec China Rail Products & Services Holding Limited	Hong Kong, China	100 %
Wabtec Control Systems Pty Ltd.	Osborne Park, Australia	100 %
Wabtec de Mexico, S. de R.L. de C.V.	San Luis Potosi, Mexico	100 %
Wabtec Equipamentos Ferroviarios Ltda.	Sao Paulo, Brazil	100 %
Wabtec Europe GmbH	Brunn am Gebirge, Austria	100 %
WABTEC Fabricación y Servicios, S. de R.L. de C.V.	Apodaca, Mexico	100 %
Wabtec Faiveley Rayli Sistemleri Ltd. Sti	Istanbul, Turkey	100 %
Wabtec Finance SRL	St. Michael, Barbados	100 %
Wabtec France S.A.S.	Paris, France	100 %
Wabtec FRG GmbH	Recklinghausen, Germany	100 %
Wabtec FRG Holdings GmbH & Co. KG	Recklinghausen, Germany	100 %
Wabtec Finance LLC	Wilmington, Delaware	100 %
Wabtec Golden Bridge Transportation Technology (Hangzhou) Company, Ltd.	Xinwan Town, China	100 %
Wabtec Greenville Real Estate LLC	Greenville, South Carolina	100 %
Wabtec Holding Corp	Wilmington, Delaware	100 %
Wabtec India Transportation Private Limited	Kolkata, India	100 %
Wabtec International, Inc.	Wilmington, Delaware	100 %
Wabtec Investments Limited LLC	Wilmington, Delaware	100 %
Wabtec Ireland Limited	Dublin, Ireland	100 %
WABTEC Locomotive Services Noreste, S.A. de C.V.	San Luis Potosi, Mexico	100 %
Wabtec Luxembourg, S.a r.l.	Luxembourg	100 %
Wabtec Manufacturing, LLC	Wilmington, Delaware	100 %
Wabtec Manufacturing Mexico S. de R.L. de C.V.	San Luis Potosi, Mexico	100 %
Wabtec Manufacturing Solutions, LLC	Wilmington, Delaware	100 %
Wabtec MZT AD Skopje	Skopje, Macedonia	87 %
Wabtec MZT Poland Sp. z.o.o.	Poznan, Poland	100 %
Wabtec Netherlands BV	Amsterdam, Netherlands	100 %
Wabtec Netherlands Holdings BV	Amsterdam, Netherlands	100 %
Wabtec Rail Limited	Doncaster, S.Yorkshire, UK	100 %
Wabtec Railway Electronics Corporation	Halifax, Nova Scotia, Canada	100 %

Wabtec Railway Electronics Holdings, LLC	Wilmington, Delaware	100 %
Wabtec Railway Electronics Manufacturing, Inc.	Wilmington, Delaware	100 %
Wabtec Railway Electronics, Inc.	Wilmington, Delaware	100 %
Wabtec Rus LLC	Moscow, Russia	100 %
Wabtec Servicios Administrativos, S.A. de C.V.	San Luis Potosi, Mexico	100 %
Wabtec South Africa Proprietary Limited	Kempton Park, South Africa	70 %
Wabtec Texmaco Rail Private Limited	Kolkata, India	60 %
Wabtec Transportation Canada Inc.	Ontario, Canada	100 %
Wabtec Transportation Global Holdings, LLC	Wilmington, Delaware	100 %
Wabtec Transportation Group Holdings Pty Ltd.	Richmond, Australia	100 %
Wabtec Transportation Ireland Limited	Dublin, Ireland	100 %
Wabtec Transportation Netherlands B.V.	Amsterdam, Netherlands	100 %
Wabtec Transportation Netherlands Holdings B.V.	Amsterdam, Netherlands	100 %
Wabtec UK Holdings Limited	Staffordshire, England	100 %
Wabtec UK Investments Limited	Manchester, England	100 %
Wabtec UK Manufacturing Limited	Burton-on-Trent, UK	100 %
Wabtec US Rail Holdings, Inc.	Wilmington, Delaware	100 %
Wabtec US Rail, Inc.	Wilmington, Delaware	100 %
Wabtec-UWC Ltd.	Limassol, Cyprus	51 %
Westinghouse Railway Holdings (Canada) Inc.	Toronto, Ontario, Canada	100 %
Wilmerding International Holdings C.V.	Amsterdam, Netherlands	100 %
Workhorse Holdings Corp	Indianapolis, Indiana	100 %
Workhorse Rail, LLC	Pittsburgh, Pennsylvania	100 %
Xorail, Inc.	Jacksonville, Florida	100 %
Young Touchstone Company	Oak Creek, Wisconsin	100 %
Zhongshan MorsSmitt Relay Ltd.	Zhongshan, China	100 %